

IN THE CLAIMS:

Amend claims 1-6 and add the following new claims 7-20 as shown in the following listing of claims, which replaces all previous listings and versions of claims.

1. (currently amended) A printer apparatus for printing on a thermosensitive adhesive sheet, the printer apparatus comprising: thermosensible adhering sheet ~~comprising:~~

printing means for printing on a printable layer
face of a thermosensitive adhesive sheet having a
thermosensitive adhesive layer disposed opposite to the
printable layer; thermosensible adhering sheet constituted by
forming a thermosensible adhesive layer on other face of a
sheet-like base member having the printable face on one face
thereof;

heat-application and transporting means for heating
the thermosensitive adhesive layer of the thermosensitive
adhesive sheet and for transporting the thermosensitive
adhesive sheet; and carrying means arranged to be opposed to
the printing means for carrying the thermosensible adhering
sheet in a predetermined direction; and

control means for controlling the heat-application
and transporting means to heat a portion of the
thermosensitive adhesive layer of the thermosensitive adhesive

sheet and to transport the thermosensitive adhesive sheet while simultaneously controlling the printing means to print on a portion of the printable layer of the thermosensitive adhesive sheet disposed opposite to and generally confronting the portion of the thermosensitive adhesive layer of the thermosensitive adhesive sheet.

~~controlling means for carrying out a control when the thermosensible adhering sheet is subjected to a printing processing and a thermally activating processing,~~

~~wherein the carrying means comprises thermally activating means for heating the thermosensible adhesive layer to thermally activate, and the controlling means subjects the thermosensible adhesive layer to the thermally activating processing by controlling the thermally activating means while subjecting the printable face to the printing processing by controlling the printing means.~~

2. (currently amended) The A printer apparatus according to claim 1; wherein the heat-application and transporting means for a thermosensible adhering sheet according to claim 1, wherein the carrying means comprises a metal shaft made of a metal having a hollow portion and a halogen lamp disposed in arranged at the hollow portion of the shaft.

3. (currently amended) ~~The~~ A printer apparatus according to claim 1; wherein the heat-application and transporting means comprises a movable member having ~~for a~~ thermosensible adhering sheet according to claim 1, wherein an outer peripheral surface face ~~of the carrying means~~ is coated with one of a silicon species resin ~~or~~ and a fluorine species resin.

4. (currently amended) ~~The~~ A printer apparatus according to claim 1; wherein the heat-application and transporting means comprises a movable member; and further ~~for a thermosensible adhering sheet according to claim 1, further~~ comprising a temperature measuring sensor for measuring a surface temperature of the movable member, the control means including means for controlling the heat-application and transporting means to heat the thermosensitive adhesive layer of the thermosensitive adhesive sheet in accordance with the surface temperature of the movable member measured ~~carrying~~ means, wherein the controlling means controls the thermally activating means based on a measured result by the temperature measuring sensor.

5. (currently amended) A ~~The~~ printer apparatus according to claim 1; further comprising a main body frame; and wherein the heat-application and transporting means is connected to the main body frame ~~for a thermosensible adhering~~

~~sheet according to claim 1, wherein the carrying means is attached to a main body frame via an insulating member.~~

6. (currently amended) ~~The~~ A printer apparatus according to claim 1; ~~wherein for a thermosensible adhering sheet according to claim 1, wherein the printing means comprises is a thermal head constituted by arranging having a plurality of heat generating elements; and wherein the control means includes means for which can individually controlling the heat generating elements be controlled to conduct electricity in a column-like shape.~~

7. (new) A printer apparatus according to claim 1; wherein the heat-application and transporting means comprises a platen roller having a hollow portion and an outer peripheral surface for contacting the thermosensitive adhesive layer of the thermosensitive adhesive sheet, and a heater disposed in the hollow portion of the platen roller for heating the outer peripheral surface of the roller.

8. (new) A printer apparatus according to claim 7; wherein the printing means comprises a thermal head; and further comprising pressing means for pressing the thermal head into pressure contact with the outer peripheral surface of the platen roller with the thermosensitive adhesive sheet disposed therebetween.

9. (new) A printer apparatus according to claim 1; wherein the printing means comprises a thermal head; and wherein the heat-application and transporting means comprises a platen roller for contacting the thermal head with the thermosensitive adhesive sheet disposed therebetween and means for heating the platen roller to heat the thermosensitive adhesive layer of the thermosensitive adhesive sheet.

10. (new) A printer apparatus comprising:
a heat-application and transporting member for heating a thermosensitive adhesive layer disposed on a first surface of a thermosensitive adhesive sheet and for transporting the thermosensitive adhesive sheet;

printing means for printing on a second surface of the thermosensitive adhesive sheet disposed opposite the first surface thereof while the thermosensitive adhesive layer of the thermosensitive adhesive sheet is simultaneously heated by the heat-application and transporting member; and

pressure-application means for bringing the printing means into pressure contact with the heat-application and transporting member with the thermosensitive adhesive sheet disposed therebetween.

11. (new) A printing apparatus according to claim 10; wherein the heat-application and transporting member comprises a hollow metal member having an outer peripheral

surface for contacting the thermosensitive adhesive layer of the thermosensitive adhesive sheet and a heating element disposed in the hollow metal shaft for heating the outer peripheral surface thereof.

12. (new) A printing apparatus according to claim 11; wherein the hollow metal member comprises a platen roller mounted for undergoing rotation to transport the thermosensitive adhesive sheet.

13. (new) A printing apparatus according to claim 11; wherein the outer peripheral surface of the hollow metal member is coated with one of a silicon resin and a fluorine resin.

14. (new) A printing apparatus according to claim 11; further comprising a temperature measuring sensor for measuring the temperature of the outer peripheral surface of the hollow metal member; and wherein the heat-application and transporting member heats the thermosensitive adhesive layer of the thermosensitive adhesive sheet in accordance with the temperature of the outer peripheral surface of the hollow metal member measured by the temperature measuring sensor.

15. (new) A printer apparatus according to claim 10; further comprising a main body frame; and wherein the heat-

application and transporting member is connected to the main body frame via an insulating member.

16. (new) A printer apparatus according to claim 10; wherein the pressure-application means comprises a spring member and a cam member mounted to undergo pivotal movement for pressing the spring member against the printing means to bring the printing means into pressure contact with the heat-application and transporting member with the thermosensitive adhesive sheet disposed therebetween.

17. (new) In combination with a thermosensitive adhesive sheet having a printable surface and a thermosensitive adhesive surface disposed opposite to the printable surface, a printing apparatus comprising:

printing means for printing on the printable surface of the thermosensitive adhesive sheet during a printing operation; and

a heat-application and transporting member disposed generally opposite to and confronting the printing means with the thermosensitive adhesive sheet disposed therebetween for heating the thermosensitive adhesive layer of the thermosensitive adhesive sheet and for transporting the thermosensitive adhesive sheet during a printing operation.

18. (new) A printing apparatus according to claim 17; wherein the heat-application and transporting member comprises a hollow metal member having an outer peripheral surface for contacting the thermosensitive adhesive layer of the thermosensitive adhesive sheet and a heating element disposed in the hollow metal shaft for heating the outer peripheral surface thereof during a printing operation.

19. (new) A printing apparatus according to claim 18; wherein the hollow metal member comprises a platen roller mounted for undergoing rotation to transport the thermosensitive adhesive sheet.

20. (new) A printing apparatus according to claim 18; wherein the outer peripheral surface of the hollow metal member is coated with one of a silicon resin and a fluorine resin.